

CLAIMS:

1. An arrangement (1) for mixing and/or processing one or more video signals, characterized in that the arrangement (1) comprises video hardware components (2) which are implemented for a dedicated purpose and, within the arrangement (1), are exclusively usable for said dedicated purpose, in that the arrangement (1) comprises video computers (3, 4) which can alternatively perform a plurality of functions and are thus usable within the arrangement (1) for different purposes, dependent on their need, the video hardware components (2) being implemented for uses which are computer-intensive and/or require a large bandwidth, the video computers (3, 4) being provided for uses which can be processed in real time by the video computers (3, 4), the arrangement (1) accommodating a control circuit (6) which assigns tasks to the video computers (3, 4), dependent on their need.
2. An arrangement as claimed in claim 1, characterized in that the video hardware components (2) are implemented as video mixer stages or video crossbars.
3. An arrangement as claimed in claim 1, characterized in that the relevant desired function of the video computers (3, 4) can be activated by software which is loadable in dependence upon the need.
4. An arrangement as claimed in claim 1, characterized in that the video computers (3, 4) are loadable with software provided for chromakey or lumakey or trick effects.
5. An arrangement as claimed in claim 1, characterized in that the video hardware components (2) and the video computers (3, 4) are coupled by means of a wideband bus system (5).
6. An arrangement as claimed in claim 1, characterized in that the video hardware components (2) and the video computers (3, 4) are coupled by means of a video

SUB
ALV
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869207-6577815

crossbar.

SVB
AM
CCP
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7. An arrangement as claimed in claim 1, characterized in that the video computers (3, 4) comprise standard processors.

8. An arrangement comprising at least two arrangements (1) for mixing and/or processing one or more video signals as claimed in claim 1, characterized in that video data are exchangeable between the mixing and/or processing arrangements (1) and in that at least one of the mixing and/or processing arrangements (1) comprises a video computer (4) which, dependent on the need, is assignable to one of the two mixing and/or processing arrangements (1).

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